Index of Claims

Application/Control No.

10/601,071

Examiner Eva Yi Zheng Applicant(s)/Patent under Reexamination

KIM, KYEONG JIN

Art Unit

2611

| 1 | Rejected |
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(Through numeral)
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| Cla             | Claim Date |              |          | Claim Date |          |          |          |              |                   |          | Cla         | aim      | Date     |                         |              |          |         |                    |            |                 |       |          |            |          |          |          |          |          |          |                 |          |                |
|-----------------|------------|--------------|----------|------------|----------|----------|----------|--------------|-------------------|----------|-------------|----------|----------|-------------------------|--------------|----------|---------|--------------------|------------|-----------------|-------|----------|------------|----------|----------|----------|----------|----------|----------|-----------------|----------|----------------|
| Final           | Original   | 90/9/6       |          |            |          |          |          |              |                   |          | Final       | Original |          |                         |              |          |         |                    |            |                 |       | Final    | Original   |          |          |          |          |          |          |                 |          | П              |
| 懂               | o.<br>Pig  | 9/6          |          |            |          |          |          |              |                   |          | 🖺           | Ö        |          |                         |              |          |         |                    |            |                 |       | ij       | o<br>gi    |          |          |          |          |          |          |                 |          |                |
|                 | 1          | √            |          |            |          |          |          |              |                   |          |             | 51       |          |                         |              |          |         |                    |            |                 |       |          | 101        |          |          |          |          |          |          | $\sqcap$        |          | П              |
| L               | 2          | 1            |          |            |          |          |          |              |                   |          |             | 52       |          |                         |              |          | $\perp$ |                    |            |                 |       |          | 102        |          |          |          |          |          |          |                 |          |                |
| <u> </u>        | 3          | 1            | Ш        |            |          | Ц        |          |              | <u> </u>          | _        |             | 53_      |          |                         | $\perp$      | 1        |         |                    |            | Ш               |       |          | 103        |          |          |          |          |          |          |                 |          |                |
| <u></u>         | 4          | 1            |          |            |          |          |          |              | _                 | _        |             | 54       | Щ        | 4                       | _            | ┸        | 4       | <u> </u>           |            | Ш               |       |          | 104        |          |          |          | •        |          |          |                 |          |                |
|                 | 5          | 1            |          | _          | $\Box$   |          | _        | _            | <u> </u>          | _        |             | 55       | Ш        | _                       | _            | _        | ┸       | 1_                 | _          | Ш               |       |          | 105        | Щ        |          |          |          |          |          |                 |          | Ш              |
|                 | 6          | <b>√</b>     |          | _          | -        |          |          | -            | ļ                 | <u> </u> | $\vdash$    | 56       | $\sqcup$ | -                       |              | +        |         | ↓_                 | <b> </b> _ | Ш               |       |          | 106        | Ш        | Щ        |          |          |          |          | Ш               | _        | Ш              |
|                 | 7          | 1            |          | _          | $\dashv$ |          | _        | <u> </u>     | <b>├</b> ─        |          |             | 57       | Н        | -                       | +            |          | -       | +-                 | <u> </u>   | Ш               |       |          | 107        | Ш        |          |          | _        |          |          | Ш               |          | Ш              |
|                 | 8          | 1            |          | _          | $\dashv$ |          | -        | ⊢            | ├-                | H        | <u> </u>    | 58<br>59 | $\vdash$ | +                       | +            | +        | +       | +-                 | -          | Щ               |       |          | 108        | Н        |          |          |          |          |          | $\vdash \dashv$ | $\dashv$ | Н              |
| $\vdash$        | 10         | 1            | Н        | -          | $\dashv$ | -        | -        | ⊢            | ┝                 | H        | _           | 60       | -        | +                       | -+           | +        | +       | ╁                  | ⊢          |                 |       |          | 109        | Н        | _        | $\dashv$ |          | _        |          | Н               | $\dashv$ | Н              |
| <b>—</b>        | 11         | V            | Н        | $\dashv$   | $\dashv$ | -        | $\dashv$ | <del> </del> | ╁                 | $\vdash$ | <u> </u>    | 61       | $\dashv$ | +                       | +            | +        | +       | +                  | $\vdash$   | H               |       | -        | 110<br>111 | Н        | -        | -        |          | _        |          | $\vdash \vdash$ | $\dashv$ | Н              |
|                 | 12         | 1            | $\vdash$ |            | $\vdash$ |          | -        | H            | -                 |          | <del></del> | 62       | $\vdash$ | $\dashv$                | +            | +        | +       | +-                 | $\vdash$   | H               |       | -        | 112        | Н        | $\dashv$ | $\dashv$ | -        | -        | Н        | $\vdash \vdash$ | $\dashv$ | $\vdash\vdash$ |
|                 | 13         | V            | $\vdash$ |            | $\vdash$ |          | ٦        | Т            | $\vdash$          |          |             | 63       | H        | +                       | 十            | +        | +       | +                  | $\vdash$   | H               |       | $\dashv$ | 113        | Н        | $\dashv$ |          | $\dashv$ |          | $\vdash$ | $\vdash \vdash$ | $\dashv$ | H              |
|                 | 14         | V            | $\neg$   |            |          | 7        | ᅥ        | $\vdash$     | $\vdash$          | H        |             | 64       | H        | $\dashv$                | $\dashv$     | $\dashv$ | +       | +-                 | $\vdash$   | H               |       |          | 114        | $\vdash$ | $\vdash$ | -        | $\vdash$ |          | $\vdash$ |                 | $\dashv$ | $\dashv$       |
|                 | 15         | 1            |          | $\neg$     |          | $\dashv$ |          |              | T                 |          |             | 65       | $\vdash$ | 十                       | 十            | $\dashv$ | $\top$  | T                  |            | Н               |       |          | 115        | H        | $\vdash$ |          | $\dashv$ | -        | H        | $\vdash$        | $\dashv$ | $\dashv$       |
|                 | 16         | 1            |          |            |          |          |          |              | Γ                 |          |             | 66       |          |                         | 1            | _        | $\top$  | $\dagger$          |            |                 |       |          | 116        | Н        |          |          |          |          | _        | П               | $\dashv$ | П              |
|                 | 17         | 1            |          |            |          |          |          |              | · -               |          |             | 67       |          |                         | $\top$       | 1        |         | $\top$             | П          |                 |       |          | 117        | П        |          |          |          |          |          | $\Box$          | _        | П              |
|                 | 18         | 1            |          |            |          |          |          |              |                   |          |             | 68       |          | T                       | T            | T        | T       | 1                  |            |                 |       |          | 118        | П        |          |          |          |          |          | П               | ┪        | П              |
|                 | 19         | 1            |          |            |          |          |          |              |                   |          |             | 69       |          |                         |              |          |         |                    |            |                 |       |          | 119        |          |          |          |          |          |          | $\Box$          | ヿ        | П              |
|                 | 20         | 7            |          | _          | $\Box$   |          |          |              |                   |          |             | 70       |          |                         |              |          |         |                    |            |                 |       |          | 120        |          |          |          |          |          |          |                 | $\Box$   |                |
|                 | 21         |              |          | _          | $\Box$   | _        |          |              | L                 |          |             | 71       |          |                         | $\perp$      | $\perp$  | $\perp$ |                    |            |                 |       |          | 121        |          |          |          |          |          |          |                 |          |                |
| <u></u>         | 22         | $oxed{oxed}$ |          |            | $\sqcup$ | $\dashv$ | _        |              | Ц.                |          |             | 72       |          | _                       | 1            |          | ┸       | _                  |            | Щ               |       |          | 122        |          |          |          |          |          |          |                 |          |                |
|                 | 23         |              |          |            | _        | 4        | _        |              | $ldsymbol{f eta}$ |          |             | 73       | Ш        | _                       | 4            | 4.       | $\perp$ | 1                  | Ш          | Щ               |       |          | 123        |          |          |          |          |          |          | Ш               |          |                |
| -               | 24         | _            |          | $\dashv$   | -        | $\dashv$ |          |              | $\vdash$          | <u> </u> |             | 74       | $\dashv$ | 4                       | 4            | $\perp$  | _       | $oldsymbol{\perp}$ | Ш          | Щ               |       |          | 124        |          |          | _        |          | _        |          | Ш               | _        | Ш              |
|                 | 25<br>26   | _            | -        | $\cdot$    | -        | -        |          |              | -                 | $\vdash$ |             | 75       | $\dashv$ | +                       | +            | +        | +       | ┿-                 | Щ          | Щ               |       |          | 125        |          |          |          |          | _        |          | Ш               | _        | Ы              |
| $\vdash$        | 27         | -            |          |            | -        | $\dashv$ | -        |              | ⊢                 | -        | $\vdash$    | 76<br>77 | -        | $\dashv$                | +            | +        | +       | +                  | Н          | H               |       |          | 126        |          | -        | _        |          | _        | _        | Н               | $\dashv$ | Н              |
|                 | 28         | -            | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | ᅱ        |              | H                 | -        | -           | 78       | -        | +                       | +            | +        | ╁       | +                  | $\vdash$   | Н               |       |          | 127        | -        | $\dashv$ |          | $\dashv$ | -        | _        | $\vdash$        | $\dashv$ | $\dashv$       |
|                 | 29         |              |          | $\dashv$   | -        | 十        | ᅱ        | -            | Н                 |          |             | 79       | $\dashv$ | +                       | +            | +        | +       | ╁                  | H          | $\vdash$        |       |          | 128<br>129 | $\dashv$ |          | $\dashv$ | $\dashv$ |          | -        | $\vdash$        | $\dashv$ | Н              |
|                 | 30         | -            | _        | _          | 寸        | 十        | ┪        | Н            | Н                 | -        |             | 80       |          | +                       | ┰            | +        | ╁       | ╁╌                 | Н          | $\dashv$        |       | -        | 130        |          | $\dashv$ | -        | $\dashv$ |          |          | ⊢               | $\dashv$ | $\dashv$       |
|                 | 31         |              | $\neg$   | $\neg$     | 7        | $\dashv$ | -1       |              | Н                 | Н        |             | 81       |          | $\dashv$                | ┰            | +        | ╁       | ╁╌                 | H          | -1              |       | $\dashv$ | 131        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$       |
|                 | 32         |              |          | $\dashv$   | 7        | 寸        | _        |              | $\vdash$          |          |             | 82       |          | +                       | +            | +        | +-      | 十                  | $\vdash$   | H               |       | -        | 132        |          |          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$        | $\dashv$ | 一              |
|                 | 33         |              | $\neg$   | T          | $\neg$   | $\neg$   | $\neg$   |              |                   |          |             | 83       |          | 十                       | $\top$       | 1        | 1       | 1                  | П          |                 |       |          | 133        |          |          | ┪        |          | $\neg$   |          | $\Box$          | ヿ        | $\neg$         |
|                 | 34         |              | $\Box$   | ┚          | $\Box$   |          |          |              |                   |          |             | 84       |          | 丁                       |              |          | $\top$  |                    | П          |                 | ı     |          | 134        |          |          | $\dashv$ | $\neg$   | $\dashv$ |          | T               | 一        | $\dashv$       |
|                 | 35         |              | $\Box$   | $\Box$     |          | $\Box$   | $\Box$   |              |                   |          |             | 85       |          | $oldsymbol{\mathbb{T}}$ | $\prod$      | I        | Ι       |                    |            |                 |       |          | 135        |          |          |          |          | _        |          |                 |          | $\Box$         |
|                 | 36         | Ш            | _        |            |          |          | _        | Ш            | Ш                 | Ш        |             | 86       |          |                         | $oxed{\bot}$ |          |         |                    |            |                 |       |          | 136        |          |          | $\Box$   |          |          |          |                 |          |                |
| $\vdash \vdash$ | 37         |              | _        | _          | ļ        | _        | _        |              | Ш                 | Ш        |             | 87       |          | _                       | $\perp$      |          |         | L                  | Ш          |                 |       | ]        | 137        |          |          | $\Box$   |          |          |          |                 |          |                |
| $\vdash \dashv$ | 38         | Ŀ            | $\dashv$ |            | -        | $\dashv$ |          |              | Н                 | $\sqcup$ |             | 88       | $\dashv$ | $\bot$                  | 4            | 4        | 4       | 1_                 | Ш          | Щ               |       |          | 138        | $\sqcup$ | $\dashv$ |          | ]        |          |          |                 | $\Box$   |                |
|                 | 39         |              |          | -          | -        | -        | 4        | _            | Н                 | $\Box$   |             | 89       | _        | 4                       | 4            | 4        | 4-      | 1                  | Ш          | Щ               |       |          | 139        | $\Box$   | _        | $\perp$  | _        | _        | $\Box$   | $\sqcup$        | $\dashv$ | $\sqcup$       |
| $\vdash \dashv$ | 40         | $\vdash$     | $\dashv$ | $\dashv$   | $\dashv$ | -        | $\dashv$ | 4            | Н                 | _        |             | 90       |          | 4                       | - -          | 4        | +-      | +                  | $\vdash$   | $\perp$         |       |          | 140        | $\Box$   | 4        | _        |          | 4        | $\Box$   |                 |          | $\dashv$       |
| $\vdash$        | 41<br>42   |              | $\dashv$ | $\dashv$   | -        | $\dashv$ | +        | $\dashv$     | $\vdash\vdash$    | $\dashv$ |             | 91       | -+       | +                       | +            | +        | +-      | +-                 | $\vdash$   | $\vdash$        |       |          | 141        | $\dashv$ |          |          |          | _        | -        |                 | _        | $\dashv$       |
| ┝╌┤             | 43         | -            |          | -          | $\dashv$ | $\dashv$ | $\dashv$ | -            | $\vdash$          | $\dashv$ |             | 93       | -+       | +                       | +            | +        | +       | +-                 | $\vdash$   | $\vdash \dashv$ |       |          | 142<br>143 |          | $\dashv$ | -4       |          |          |          | $\dashv$        | $\dashv$ | $\dashv$       |
|                 | 44         | $\dashv$     | +        | -          | -+       | $\dashv$ | $\dashv$ | $\dashv$     | $\vdash$          | -        |             | 94       | -+       | +                       | +            | +        | ┿       | ┼-                 | $\vdash$   | H               | H     |          |            |          |          |          | -        |          |          |                 |          | $\dashv$       |
| $\vdash$        | 45         | $\dashv$     | $\dashv$ | +          | +        | $\dashv$ | +        |              | $\vdash$          |          |             | 95       | -+       | +                       | +            | +        | +-      | $\vdash$           | ⊦⊣         | $\vdash$        | #     |          | 144        | -        |          | -        | {        | -        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$       |
|                 | 46         | $\dashv$     | ᆉ        | ┪          | -        | +        | +        | -            | $\vdash$          | $\dashv$ |             | 96       | -        | +                       | ╁            | +        | +-      | +                  | $\vdash$   | H               | -     |          | 146        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$        | $\dashv$ | $\dashv$       |
|                 | 47         | $\dashv$     | _        |            | -        | +        | ┪        |              | $\vdash$          | $\neg$   |             | 97       | -+       | +                       | +            | +        | +-      | +                  | $\vdash$   | $\dashv$        | ŀ     |          | 147        | -        | $\dashv$ | $\dashv$ | ᅱ        | -        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$       |
|                 | 48         | $\neg$       | _        | 1          | _        | 7        | $\dashv$ | $\neg$       | $\Box$            |          |             | 98       | _        | 十                       | ╅            | $\top$   | +-      | +                  |            |                 | iii l |          | 148        | -        | ᅱ        |          | 寸        | $\dashv$ | $\dashv$ | -               | -        | $\dashv$       |
|                 | 49         |              | _        |            |          |          |          | $\neg$       | П                 |          |             | 99       |          | $\top$                  | 十            | $\top$   | +-      | $\vdash$           | $\vdash$   | $\dashv$        | ŀ     |          | 149        |          | 1        | $\dashv$ | $\dashv$ | $\dashv$ | -        | -               | -        | $\dashv$       |
|                 | 50         |              |          | $\Box$     |          |          | $\Box$   |              |                   |          |             | 100      | $\neg$   | $\top$                  | 7            | Ť        | +       | T                  | П          |                 | ı     | $\neg$   | 150        |          |          | 7        | $\dashv$ | $\neg$   | _        | 寸               | 一        | $\exists$      |